

11/16/01
APC-2-12

MEMPHIS SHELBY COUNTY HEALTH DEPARTMENT
AIR POLLUTION CONTROL SECTION (MSCHD-APC)



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NOT TO BE USED FOR TITLE V APPLICATIONS

CONCRETE BATCH PLANT SOURCE DESCRIPTION

MSCHD RECEIPT DATE

PLEASE TYPE OR PRINT, SUBMIT IN DUPLICATE AND ATTACH TO THE PERMIT APPLICATION. ATTACH A PLANT DIAGRAM ACCORDING TO THE INSTRUCTIONS GIVEN BELOW.									
1. ORGANIZATION'S LEGAL NAME:						MSCHD-APC FACILITY ID.:			
2. EMISSION SOURCE NUMBER:				SIC CODE:		MSCHD-APC PERMIT ID.:			
3. SOURCE LOCATION	LATITUDE:		LONGITUDE:		UTM VERTICAL:		UTM HORIZONTAL:		
4. NORMAL OPERATION	HOURS/DAY:		DAYS/WEEK:		WEEKS/YEAR:		DAYS/YEAR:		
5. MAXIMUM OPERATION	HOURS/DAY:		DAYS/WEEK:		WEEKS/YEAR:		DAYS/YEAR:		
6. PERCENT ANNUAL THROUGHPUT	DEC. - FEB.:		MARCH - MAY:		JUNE - AUG.:		SEPT. - NOV.:		
7. MAX. ANNUAL PROD (YARDS)	TRANSIT MIX:		CENTRAL MIX:		DRY MIX:		DATE CONSTRUCTED:		
8. ROAD DUST CONTROL	NONE		PAVED		OILED		WATERED FREQUENTLY		
PLANT YARD									
ACCESS ROADS									
9. STOCKPILES	ESTIMATED ANNUAL TONNAGE		NUMBER OF SIDES ENCLOSED		TURNOVER RATE (TONS/MONTH)		RECEIVED DAMP (TONS)		WETTED AS RECEIVED (TONS)
GRAVEL									
SAND									
10. CEMENT RECEIVING EQUIPMENT (circle or complete as appropriate)	CONVEYOR ENCLOSED YES NO		ELEVATOR ENCLOSED YES NO		COMPRESSED AIR FLOW (FT ³ /MIN.):		AVE. LOAD SIZE (TONS):		NORM. LOADING TIME (MIN.):
11. CEMENT STORAGE SILOS (complete or circle as appropriate)	NUMBER OF SILOS:		TOTAL CAPACITY (BARRELS OR TONS):		SILO VENT CONTROLS				
					FABRIC FILTER		DISCHARGES TO ANOTHER SILO		OTHER NONE
12. WEIGH-BATCHER	CAPACITY (YARDS):			MAX. BATCHING RATE (YARDS/HOUR):			BATCH DUMPING RATE (YARDS/MINUTE):		
SILO-TO-WEIGH-BATCHER VENT CONTROLS (CIRCLE)	HOOD/SHROUD		FABRIC FILTER		DISCHARGES TO SILO		OTHER		NONE
13. WEIGH-BATCHER	DISCHARGES TO (COMPLETE)								
	TRUCKS (YARDS/YEAR):			TILT (YARDS/YEAR):			PRODUCTS MIXER (YARDS/YEAR):		
	WEIGH-BATCHER DISCHARGE CHUTE CONTROLS (CIRCLE)								
	ADJUSTABLE GATHERING HOPPER		HOOD		FABRIC FILTER		DISCHARGES TO SILO		OTHER NONE
14. CONCRETE BATCH PLANT DIAGRAM: ON A SEPARATE SHEET OF PAPER, SHOW GENERAL PLANT LAYOUT AND AIR POLLUTION CONTROL DEVICES. INDICATE THE FOLLOWING: STORAGE PILE AREAS, CONVEYOR SYSTEMS, METHOD OF RECEIVING CEMENT, ELEVATORS, SILOS, SILO VENTS, SILO-TO-WEIGH-BATCHER VENT, WEIGH-BATCHER DISCHARGE CHUTE AND PRODUCT RECEIVING EQUIPMENT SUCH AS TRUCKS AND TILT OR PRODUCT MIXERS. INDICATE AIR POLLUTION CONTROL DEVICES SUCH AS FABRIC FILTERS, WET SUPPRESSION POINTS, HOODS, CANVAS COVERINGS; ENCLOSURES, AND ETC.									

(OVER)

15. EMISSION POINT DATA FOR	SILO VENT	SILO-TO-WEIGH-BATCHER VENT	WEIGH-BATCHER DISCHARGE CHUTE	
A. HEIGHT ABOVE GRADE (FT)				
B. DIAMETER (FT)				
C. EMISSION EXIT DIRECTION (up, down, or horizontal)				
D. AIR FLOW RATE (FT ³ /MINUTE)				
16. PARTICULATE AIR CONTAMINANTS	SILO VENT	SILO-TO-WEIGH-BATCHER VENT	WEIGH-BATCHER DISCHARGE CHUTE	SAND AND AGGREGATE TO TRANSFER BIN
A. AVERAGE EMISSIONS (POUNDS/HOUR)				
B. MAXIMUM EMISSIONS (POUNDS/HOUR)				
C. AVERAGE EMISSIONS (TONS/YEAR)				
D. EMISSIONS ESTIMATION METHOD*				
E. CONTROL DEVICES*				
F. CONTROL EFFICIENCY %				
17. COMMENTS				

* REFER TO THE BACK OF THE PERMIT APPLICATION FORM APC-2-01 FOR ESTIMATION METHOD AND CONTROL CODES. IF THE CODE IS "OTHER", SPECIFY IN COMMENTS.